

ADVANCE DATA

Threshold Detector 2-18GHz

The Pascall Broadband Threshold Detector has a high sensitivity and excellent temperature stability.

The mode of operation may be DC coupled, AC coupled or CW immune. This unit covers the full 2 to 18GHz band but customer defined, narrower bands can be configured.

General Information

Frequency range	2 to 18GHz
Frequency flatness	+/-1 dB
Threshold level	-37 dBm
Adjust dynamic range	-37 to -30 dBm
Threshold output	TTL level
Accuracy	+/-2 dB
Rise time	15 ns
Fall time	25 ns typ.
Baseline noise	20 mV p-p
Input VSWR	3:1@-20 dBm
Maximum input power	+17 dBm
Power supply	+12V@30 mA -12V@20 mA
Temperature range	-40 to +85 deg C

Westridge Business Park
Cothey Way
Ryde, Isle of Wight
PO33 1QT, UK

Tel: +44 (0)1983 817300
Fax: +44 (0)1983 564708
Email: enquiries@pascall.co.uk
www.pascall.co.uk